

XP-002141633

AN - 1999-040831 [04]
AP - JP19970105817 19970423
CPY - MITC
DC - A17 A60 A92 B07
DR - 0964-S 0964-U
FS - CFI
IC - C08J5/18 ; C08K3/34 ; C08K9/04 ; C08L23/00
MC - A04-G01E A08-R06B A12-P01B B04-C03B B05-B02C B11-C06
M1 - [02] H7 H721 M210 M213 M231 M320 M416 M423 M424 M430 M610 M740 M782
M903 M904 M910 N101 Q110 Q130 R043 V743; R00964-M R00964-Q; 0964-S
0964-U
M2 - [01]
M6 - [03] M903 Q110 Q130 R043 R730 R740
PA - (MITC) MITSUI PETROCHEM IND CO LTD
PN - JP10298358 A 19981110 DW199904 C08L23/00 005pp
PR - JP19970105817 19970423
XA - C1999-012717
XIC - C08J-005/18 ; C08K-003/34 ; C08K-009/04 ; C08L-023/00
AB - JP10298358 Gas barrier resin part (X) comprises (A) 50-99.9 wt.% of a
polyolefin resin and (B) 0.1-50 wt.% of a lamellar silicate. The
oxygen gas permeability constant of (X) (P cm³.mm/m²-hour-atm) and
component (A) (P_{pc} cm³-mm/m²-hour-atm) and the volume fraction of
component (B) (Φ_F) satisfy the formula: $P < 0.9 \times$
 $P_{pc} \times (1 - \Phi_F) / (1 + \Phi_F / 2)$.
- (A) is preferably an isotactic polypropylene (A-1). (B) is an
organised montmorillonite (B-1). The metal cation of (B) is
substituted with an organic cation. The organic cation is an
N-containing compound such as a tetraalkyl ammonium salt. (X) is a
blow moulded part. (X) is a film or a sheet. (X) is a
substance-preserving container.
- USE - (X) is used for food containers, gasoline tanks, cosmetics
containers, medicine containers, and medical supplies packaging
material.
- ADVANTAGE - (X) has high gas barrier properties and mechanical
strength and a good low-temp. heat sealability.
- (Dwg.0/0)
CN - R00964-M R00964-Q
DRL - 0964-S 0964-U
IW - GAS BARRIER RESIN PART FOOD CONTAINER MEDICAL PACKAGE COMPRISE
POLYOLEFIN RESIN LAMELLA SILICATE
IKW - GAS BARRIER RESIN PART FOOD CONTAINER MEDICAL PACKAGE COMPRISE
POLYOLEFIN RESIN LAMELLA SILICATE
NC - 001
OPD - 1997-04-23
ORD - 1998-11-10
PAW - (MITC) MITSUI PETROCHEM IND CO LTD
TI - Gas barrier resin part for food containers and medical packaging, etc.
- comprises polyolefin resin and lamellar silicate
A01 - [001] 018 ; G0033-R G0022 D01 D02 D51 D53 ; H0000 ; H0011-R ;
S9999 S1434 ; S9999 S1581 ; S9999 S1285-R ; P1150
- [002] 018 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ;

H0000 ; S9999 S1434 ; S9999 S1581 ; S9999 S1285-R ; P1150 ; P1343
- [003] 018 ; ND01 ; ND09 ; B9999 B4864 B4853 B4740 ; K9449 ; Q9999
Q8399-R Q8366 ; Q9999 Q7589-R ; Q9999 Q8480 Q8399 Q8366 ; Q9999
Q8037 Q7987 ; Q9999 Q8366-R ; B9999 B4091-R B3838 B3747 ; B9999
B5312 B5298 B5276 ; B9999 B3178 ; K9665 ; B9999 B4955 B4944 B4922
B4740 ; B9999 B5243-R B4740 ; Q9999 Q6780
- [004] 018 ; D01 D00 D61-R D11 D10 F16 F80 ; A999 A237 ; S9999 S1525
- [005] 018 ; R16529 D00 F80 Al 3A Si 4A O- 6A ; A999 A237 ; S9999
S1525